PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1, 2003 OTHER THAN SMALL ENTITY CLAIMS AS FILED - PART I SMALL ENTITY OR TYPE [(Column 2) (Column 1) FEE RATE FEE RATE 1 770.00 TOTAL CLAIMS BASIC FEE 385.00 BASIC FEE OF NUMBER EXTRA NUMBER FILED XS1B= FOR OR XS 9= TOTAL CHARGEABLE CLAIMS Ominus 20= X86= X43= OR minus 3 = INDEPENDENT CLAIMS +290= MULTIPLE DEPENDENT CLAIM PRESENT OR +145= TOTAL * If the difference in column 1 is less than zero, enter "0" in column 2 OR TOTAL OTHER THAN SMALL ENTITY CLAIMS AS AMENDED - PART II SMALL ENTITY OR (Column 3) ADDI-(Column 2) ADDI-(Column.1) TIONAL HIGHEST RATE PRESENT TIONAL CLAIMS NUMBER RATE FEE REMAINING EXTRA FEE PREVIOUSLY 4 AFTER PAID FOR AMENDMENT X\$18= AMENDMENT OR XS 9= Minus X86= Total OR X43= Minus Independent FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +290= OR +145= TOTAL TOTAL OR ADDIT. FEE ADDIT, FEE (Column 3) (Column 2) ADDI-ADDI-(Column 1) HIGHEST TIONAL RATE PRESENT TIONAL CLAIMS NUMBER RATE FEE REMAINING **EXTRA** PREVIOUSLY FEE AFTER PAID FOR ENDMENT X\$18= AMENDMENT OR X\$ 9= Minus X86= Total OR X43= Minus Independent FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +290= OR +145= TOTAL TOTAL ADDIT. FEE ADDIT. FEE (Column 3) (Column 2) ADDI-ADDI-(Column 1) TIONAL HIGHEST RATE PRESENT CLAIMS TIONAL NUMBER RATE FEE REMAINING EXTRA PREVIOUSLY FEE AFTER PAID FOR ENDMENT X\$18= AMENDMENT OR X\$ 9= Minus Total XB6= = OR X43 =Minus Independent FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM +290= OR +145= TOTAL * If the entry in column 1 is less than the entry in column 2, write "0" in column 3. TOTAL OR ADDIT. FEE ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter *20. ADDIT. FEE ***If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3." in the inighest number Previously Paid For (Total or Independent) is the highest number found in the appropriate box in column 1. The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Application or Docket Number